

Voluntary Reporting of Greenhouse Gases 2003

Table 5. Summary of Reported Project-Level Emission Reductions and Carbon Sequestration by Gas, Data Years 1994-2003
(Metric Tons Carbon Dioxide Equivalent)

Year	Carbon Dioxide	Methane	Nitrous Oxide	HFCs	PFCs	Sulfur Hexafluoride	Total
Direct							
1994	58,413,709	576,808	339,485	-29	3,199,649	83,579	62,613,201
1995	85,419,479	194,350	-438,673	-43	2,962,416	186,382	88,323,910
1996	77,601,577	9,411,042	-423,599	15,193	3,345,811	-69,985	89,880,039
1997	82,269,887	8,705,355	86,294	-42	3,318,600	516,732	94,896,824
1998	112,038,605	31,720,732	109,560	-1,738	3,504,380	624,786	147,996,326
1999	115,366,719	35,994,030	62,111	-1,738	3,425,480	595,379	155,441,981
2000	144,096,233	61,945,794	114,198	—	3,233,612	1,407,347	210,797,186
2001	159,129,312	81,569,042	711,633	—	3,606,813	2,475,144	247,491,944
2002 ^(R) ...	178,393,155	80,073,702	-4,713	—	3,562,893	3,043,682	265,068,719
2003	185,139,849	76,992,749	8,879	—	3,550,504	2,611,910	268,303,892
Indirect							
1994	2,994,405	2,360,734	2,243	—	—	—	5,357,381
1995	27,063,660	24,777,246	630,358	—	—	7,653	52,478,917
1996	26,207,709	26,612,114	616,075	—	—	—	53,435,898
1997	25,848,951	11,630,239	102,639	—	3,631	81	37,585,541
1998	27,968,865	15,152,664	105,598	—	6,068	81	43,233,274
1999	37,233,635	19,027,769	270,531	—	5,856	81	56,537,872
2000	41,276,444	20,641,700	115,689	—	35,459	81	62,069,372
2001	48,255,932	23,216,197	154,566	—	34,319	81	71,661,094
2002 ^(R) ...	55,347,688	24,555,786	164,214	47	36,705	81	80,104,520
2003	55,438,884	23,001,453	177,423	38,702	237,390	2,184,750	81,078,602
Sequestration							
1994	746,545	—	—	—	—	—	746,545
1995	1,190,754	—	—	—	—	—	1,190,754
1996	8,676,591	—	—	—	—	—	8,676,591
1997	9,849,807	—	—	—	—	—	9,849,807
1998	12,490,927	—	—	—	—	—	12,490,927
1999	9,623,599	—	—	—	—	—	9,623,599
2000	9,011,117	—	—	—	—	—	9,011,117
2001	7,956,823	—	—	—	—	—	7,956,823
2002 ^(R) ...	7,296,516	—	—	—	—	—	7,296,516
2003	7,730,969	—	—	—	—	—	7,730,969
Unspecified^a							
1994	3,721,047	564,022	—	—	—	—	4,285,069
1995	4,959,366	1,162,752	—	—	—	—	6,112,117
1996	4,436,523	1,232,174	—	—	—	—	5,668,697
1997	6,688,175	1,825,383	—	—	123,049	—	8,636,607
1998	16,499,427	2,918,818	—	—	—	—	19,418,245
1999	9,607,428	3,273,878	—	—	—	4,783	12,886,089
2000	9,125,506	3,127,762	—	—	—	20,744	12,274,012
2001	10,855,046	3,960,348	—	—	4,046	20,261	14,839,701
2002 ^(R) ...	12,820,322	4,295,112	—	—	130,930	10,201	17,256,565
2003	12,494,809	3,835,371	—	—	1910	28,649	16,360,738

(R) = revised.

^aUnspecified emission reductions represent quantities reported on the short form (Form EIA-1605EZ), which does not distinguish between direct and indirect emission reductions or sequestration.

Notes: Reductions of CFCs, HCFCs, and methyl chloroform are not included in the totals because of the uncertainty associated with estimates of their net global warming potential. Their direct warming effects (positive radiative forcing) are offset by indirect cooling effects (destruction of stratospheric ozone, another greenhouse gas). Totals may not equal sum of components due to independent rounding. Direct, indirect, and unspecified emission reductions and sequestration have not been totaled, in order to avoid double counting of reductions or sequestration that have may been reported by more than one entity. Negative reductions represent increases in emissions.

Source: Energy Information Administration, Forms EIA-1605 and EIA-1605EZ.